

FORM PTO-144B  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE
**LIST OF PRIOR ART CITED BY APPLICANT**  
 (Use several sheets if necessary)

ATTY. DOCKET NO.

KCC-1162

SERIAL NO.

10/036,864

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>El</i>	AA	2003/0118814	06/2003	Workman, Jr. et al.			
	AB	2003/0118825	06/2003	Melius et al.			
	AC	2003/0119400	06/2003	Beitz et al.			
	AD	2003/0119401	06/2003	Chakravarty et al.			
	AE	2003/0119402	06/2003	Melius et al.			
	AF	2003/0119405	06/2003	Abuto et al.			
	AG	2003/0119406	06/2003	Abuto et al.			
<i>d</i>	AH	2003/0119413	06/2003	Chakravarty et al.			
<i>El</i>	AI	2003/0129392	07/2003	Abuto et al.			
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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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EXAMINER *Elizabeth M. Cole*DATE CONSIDERED *7/28/04*

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.5/cbs

FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KCC-1162	SERIAL NO. 10/036,864		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S) Sridhar RANGANATHAN et al.			
				FILING DATE 21 December 2001	GROUP		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>EC</i>	AA	6,413,634	07/2002	Tanaka et al.			
	AB	6,419,798	07/2002	Topolkaraev et al.			
	AC	6,495,656	12/2002	Hale et al.			
	AD	6,533,987	03/2003	Topolkaraev et al.			
	AE	6,562,938	05/2003	Hale et al.			
	AF	6,593,255	07/2003	Lawton et al.			
	AG	6,617,490	09/2003	Chen et al.			
	AH	2002/0115977	08/2002	Topolkaraev et al.			
	AI	2002/0150761	10/2002	Lange et al.			
<i>EC</i>	AJ	2003/0116888	06/2003	Rymer et al.			
<i>EC</i>	AK	2003/0116890	06/2003	Chambers, Jr. et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
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	AT						
EXAMINER	<i>Elizabeth M Cole</i>			DATE CONSIDERED	<i>7/28/04</i>		
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>EL</i>	AA	5,962,108	10/1999	Nestegard et al.			
	AB	5,993,433	11/1999	St. Louis et al.			
	AC	6,004,422	12/1999	Janovec et al.			
	AD	6,024,822	02/2000	Alper et al.			
	AE	6,078,035	06/2000	Chittipeddi et al.			
	AF	6,160,197	12/2000	Lassen et al.			
	AG	6,242,094	06/2001	Breznak et al.			
	AH	6,248,097	06/2001	Beitz et al.			
	AI	6,328,779	12/2001	He et al.			
<i>EL</i>	AJ	6,330,735	12/2001	Hahn et al.			
<i>EL</i>	AK	6,376,011	04/2002	Reeves et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	<i>Elizabeth M. Ol</i>	DATE CONSIDERED
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USCOMM-DC 80-3985

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<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT(S) Sridhar RANGANATHAN et al.		
		FILING DATE 21 December 2001	GROUP	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
E	AA	5,540,992	07/1996	Marcher et al.			
	AB	5,562,646	10/1996	Goldman et al.			
	AC	5,585,170	12/1996	Morris et al.			
	AD	5,595,618	01/1997	Fries et al.			
	AE	5,601,542	02/1997	Melius et al.			
	AF	5,601,544	02/1997	Glaug et al.			
	AG	5,722,967	03/1998	Coles			
	AH	5,786,785	07/1998	Gindrup et al.			
	AI	5,858,515	01/1999	Stokes et al.			
	AJ	5,916,203	06/1999	Brandon et al.			
CC	AK	5,916,506	06/1999	Breznak et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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	AN							
	AO							
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**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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EXAMINER <i>Elizabeth M Cole</i>	DATE CONSIDERED <i>7/28/06</i>
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<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT(S) Sridhar RANGANATHAN et al.	
		FILING DATE 21 December 2001	GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>El</i>	AA	5,393,599	02/1995	Quantrille et al.			
<i>El</i>	AB	5,431,991	07/1995	Quantrille et al.			
<i>El</i>	AC	5,466,409	11/1995	Partridge et al.			
<i>El</i>	AD	5,466,410	11/1995	Hills			
<i>El</i>	AE	5,486,166	01/1996	Bishop et al.			
<i>El</i>	AF	5,490,846	02/1996	Ellis et al.			
<i>El</i>	AG	5,492,754	02/1996	Chen			
<i>El</i>	AH	5,496,298	03/1996	Kuepper et al.			
<i>El</i>	AI	5,509,915	04/1996	Hanson et al.			
<i>El</i>	AJ	5,536,921	07/1996	Hedrick et al.			
<i>El</i>	AK	5,540,796	07/1996	Fries			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>El</i>	AL	WO 01/26595	04/2001	PCT				
<i>El</i>	AM	WO 01/35886	05/2001	PCT				
<i>El</i>	AN	WO 01/48291	07/2001	PCT				
<i>El</i>	AO	WO 01/85824	11/2001	PCT				
<i>El</i>	AP	WO 01/95347	12/2001	PCT				

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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EXAMINER <i>Elizabeth M. Ols</i>	DATE CONSIDERED <i>7/28/04</i>
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**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
G	AA	5,185,506	02/1993	Walters			
	AB	5,217,768	06/1993	Walters et al.			
	AC	5,220,143	06/1993	Kemske et al.			
	AD	5,226,992	07/1993	Morman			
	AE	5,254,821	10/1993	Walters			
	AF	5,294,482	03/1994	Gessner			
	AG	5,304,161	04/1994	Noel et al.			
	AH	5,318,650	06/1994	Kerawalla			
	AI	5,334,446	08/1994	Quantrille et al.			
	AJ	5,350,904	09/1994	Kemske et al.			
G	AK	5,374,696	12/1994	Rosen et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
G	AL	WO 89/11172	11/1989	PCT				
	AM	WO 91/19036	12/1991	PCT				
	AN	WO 95/31165	11/1995	PCT				
	AO	WO 00/37002	06/2000	PCT				
G	AP	WO 01/26592	04/2001	PCT				

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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EXAMINER *Elizabeth M Cole*DATE CONSIDERED *1/28/04*

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FORM PTO-1448  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
KCC-1162SERIAL NO.  
10/036,864LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT(S)

Sridhar RANGANATHAN et al.

FILING DATE

21 December 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>EC</i>	AA	5,057,368	10/1991	Largman et al.			
	AB	5,064,802	11/1991	Stevens et al.			
	AC	5,069,970	12/1991	Largman et al.			
	AD	5,108,820	04/1992	Kaneko et al.			
	AE	5,108,827	04/1992	Gessner			
	AF	5,139,861	08/1992	Williams et al.			
	AG	5,147,343	09/1992	Kellenberger			
	AH	5,148,172	09/1992	Kumurdjian			
	AI	5,155,316	10/1992	Chiu			
<i>EC</i>	AJ	5,176,668	01/1993	Bernadin			
<i>EC</i>	AK	5,176,672	01/1993	Bruemmer et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<i>EC</i>	AL	0 916 328 A1	05/1999	EP				
<i>EC</i>	AM	1 160 426 A2	12/2001	EP				
<i>EC</i>	AN	1071191	06/1967	GB				
<i>EC</i>	AO	1092373	11/1967	GB				
<i>EC</i>	AP	2 301 350	12/1996	GB				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>EC</i>	AR	Paulauskas, Felix, "Reversible Microwave Bonding," Internet web page, <a href="http://www.oml.gov/orccmt/pages/projects.html">http://www.oml.gov/orccmt/pages/projects.html</a> , viewed and printed March 24, 2000, 1 page.					
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DATE CONSIDERED

*7/28/04*

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<b>LIST OF PRIOR ART RELEVANT BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT(S) Sridhar RANGANATHAN et al.	
		FILING DATE 21 December 2001	GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ef	AA	4,674,966	06/1987	Johnson et al.			
	AB	4,704,116	11/1987	Enloe			
	AC	4,725,448	02/1988	Fitzpatrick			
	AD	4,743,505	05/1988	Yamada et al.			
	AE	4,761,258	08/1988	Enloe			
	AF	4,767,825	08/1988	Pazos et al.			
	AG	4,786,915	11/1988	Cartwright et al.			
	AH	4,795,668	01/1989	Krueger et al.			
	AI	4,798,603	01/1989	Meyer et al.			
Ef	AJ	4,818,315	04/1989	Hellgren et al.			
Ec	AK	4,927,582	05/1990	Bryson			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Ef	AL	0 625 602 A1	11/1994	EP				
	AM	0 627 211 A1	12/1994	EP				
	AN	0 649 644 B1	04/1995	EP				
Ef	AO	0 655 315 B1	08/1995	EP				
	AP	0 842 650 A1	05/1998	EP				

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

Ef	AR	Metaxas, A.C. and R.J. Meredith, <u>Industrial Microwave Heating</u> , Peter Peregrinus Ltd. London, 1983, pp. 183-195, 288-289.
Ef	AS	National Materials Advisory Board, <u>Microwave Processing of Materials</u> , Publication NMAB-473, National Academy Press, Washington, D.C., 1994, pp. 1-150.
Ef	AT	Myers, Steve, "Radio Frequency Sealing for Disposable Medical Products," <u>Medical Device &amp; Diagnostic Industry Magazine</u> , Article Index, Internet web page, " <a href="http://www.devicelink.com/mddi/archive/99/12/003.html">http://www.devicelink.com/mddi/archive/99/12/003.html</a> ," viewed and printed March 24, 2000, 10 pages.

EXAMINER <i>Alexander M. Olo</i>	DATE CONSIDERED <i>7/28/04</i>
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>El</i>	AA	Re. 29,789	10/1978	Kolbach			
	AB	3,759,775	09/1973	R.C. Sheperd			
	AC	3,803,453	04/1974	Hull			
	AD	3,860,002	01/1975	Kolbach			
	AE	4,016,628	04/1977	Kolbach			
	AF	4,309,479	01/1982	Naruse et al.			
	AG	4,401,708	08/1983	Paul			
	AH	4,542,199	09/1985	Kaminsky et al.			
<i>El</i>	AI	4,663,220	05/1987	Wisneski et al.			
<i>Ec</i>	AJ	4,666,647	05/1987	Enloe et al.			
	AK						

**FOREIGN PATENT DOCUMENTS**

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							YES	NO
<i>El</i>	AL	0 217 032 B1	02/1993	EP				
	AM	0 345 523 A1	12/1989	EP				
	AN	0 479 442 A1	04/1992	EP				
<i>El</i>	AO	0 525 778 A2	02/1993	EP				
<i>Ec</i>	AP	0 533 982 A1	03/1993	EP				

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>El</i>	AR	American Society for Testing Materials (ASTM) Designation: D1921-89, "Standard Test Methods for Particle Size (Sieve Analysis) of Plastic Materials," pp. 493-496, published August 1989.
		TAPPI Official Test Method T 494 om-96, "Tensile Properties Of Paper And Paperboard (Using Constant Rate Of Elongation Apparatus)," published by the TAPPI Press, Atlanta, Georgia, revised 1996, pp.1-10.
<i>El</i>	AS	Manson, John A. and Leslie H. Sperling, "Bicomponent and Biconstituent Fibers," <u>Polymer Blends and Composites</u> , Plenum Press, New York, Section 9.2 1976, pp. 273-277.
<i>El</i>	AT	

EXAMINER	<i>Elizabeth M. Cole</i>	DATE CONSIDERED	<i>7/28/04</i>
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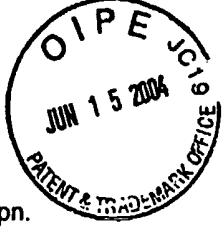
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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Nonwoven Web With Coated Superabsorbent		
Application Number:	10/036864 		
Confirmation Number:	4026		
First Named Applicant:	Sridhar Ranganathan		
Attorney Docket Number:	16282		
Art Unit:	1771		
Examiner:	Elizabeth Cole		
Search string:	( 5336552 or 5382400 ).pn.		

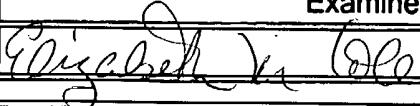

  
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JUN 15 2004  
PATENT & TRADEMARK OFFICE

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
EC	1	5336552	1994-08-09	Strack et al			
EC	2	5382400	1995-01-17	Pike et al			

### Signature

Examiner Name	Date
	7/28/04